



HLB

Low Voltage Cable Breakout 2 to 5 Cores

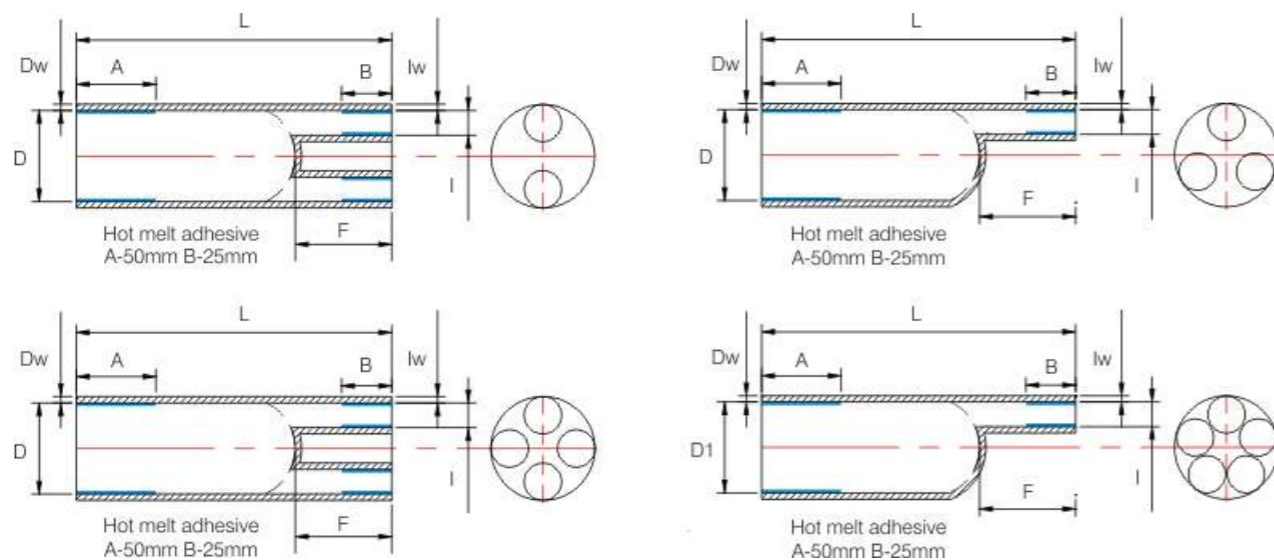
Features:

- Crosslinked polyolefin
- UV and weather resistant
- Available for 2 to 5 cores cables
- Excellent sealing properties
- Adhesive lined
- Operating temp.: -55°C to +110°C
- Min. shrink temp.: 110°C
- Min. full recovery temp.: 130°C



Technical properties:

Property	Test Method	Typical Data
Tensile strength	ASTM D 2671	≥13 MPa
Tensile strength after thermal aging	ASTM D 2671/120°C, 168 hrs.	≥10 MPa
Ultimate elongation	ASTM D 2671	≥300%
Ultimate elongation after thermal aging	ASTM D 2671/120°C, 168 hrs.	≥250%
Dielectric strength	IEC 243	≥15 kV/mm
Volume resistance	IEC 93	≥10 ¹³ Ω.cm
Water absorption	ISO 62	≤1%



Dimensions:

Size (mm)	D		I		Recovered length ±10%		Recovered wall ±20%	
	a*(Min.)	b*(Max.)	a*(Min.)	b*(Max.)	L	F	Dw	lw
2 cores cable breakout								
HLB 205-22/8	22	8	9	3.5	55	18	2.2	1.8
HLB 210-30/12	30	12	14	4.5	93	23	2.6	2.2
HLB 215-40/16	40	16	15	5	125	35	2.1	2.1
HLB 220-60/23	60	23	25	7.5	118	29	2.6	2.6
HLB 220L-60/23	60	23	25	7.5	155	45	2.6	2.6
HLB 230-100/42	100	42	30	9	155	55	3.1	3.1
HLB 240-150/75	150	75	20	6	170	64	3.8	3.8
3 cores cable breakout								
HLB 310-38/16	38	17	14	4.5	98	23	2.7	2.7
HLB 320-60/24	60	25	25	8	165	50	3	2.5
HLB 330-80/36	80	38	35	11	185	55	3.5	3.5
HLB 340-110/48	110	50	46	17.5	250	65	4	4
HLB 350-125/57	125	57	55	20	260	75	4	4
HLB 360-140/70	140	70	62	26	280	75	4	4
HLB 370-170/77	170	77	75	28	280	80	4	4
HLB 310L-40/16	40	16	15	4.5	125	35	2.1	2.1
HLB 320L-60/24	60	24	25	8	180	45	3.2	2.8
HLB 330L-80/36	80	38	35	11	215	57	4	4
4 cores cable breakout								
HLB 410-40/15	42	15	14	3.5	105	26	2.2	2
HLB 420-55/21	55	21	20	5	150	40	3.1	2.6
HLB 425-65/26	65	26	26	7	175	45	3.3	2.9
HLB 430-75/26	75	26	28	7	175	45	3.3	2.9
HLB 440-82/37	82	37	30	9	190	60	4	3
HLB 445-90/37	90	37	32	9	190	60	4	3
HLB 450-100/47	102	47	38	12	198	58	4	3
HLB 460-125/52	130	52	52	15	240	75	4	4
HLB 470-160/70	160	70	64	19	260	75	4	4
5 cores cable breakout								
HLB 510-40/19	40	19	13	4	98	25	2.5	2
HLB 520-55/24	55	24	18	5	155	40	3.2	2.6
HLB 530-80/33	80	33	26	8	175	53	3	2.8
HLB 540-100/42	100	42	34	10	190	60	3	3

a* = as supplied b* = after recovery

Ordering information:

Standard colors:

Black

Special colors:

N/A

Packaging:

Standard packaging on bag.